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SEP 12 2005
PATENT & TRADEMARK OFFICE

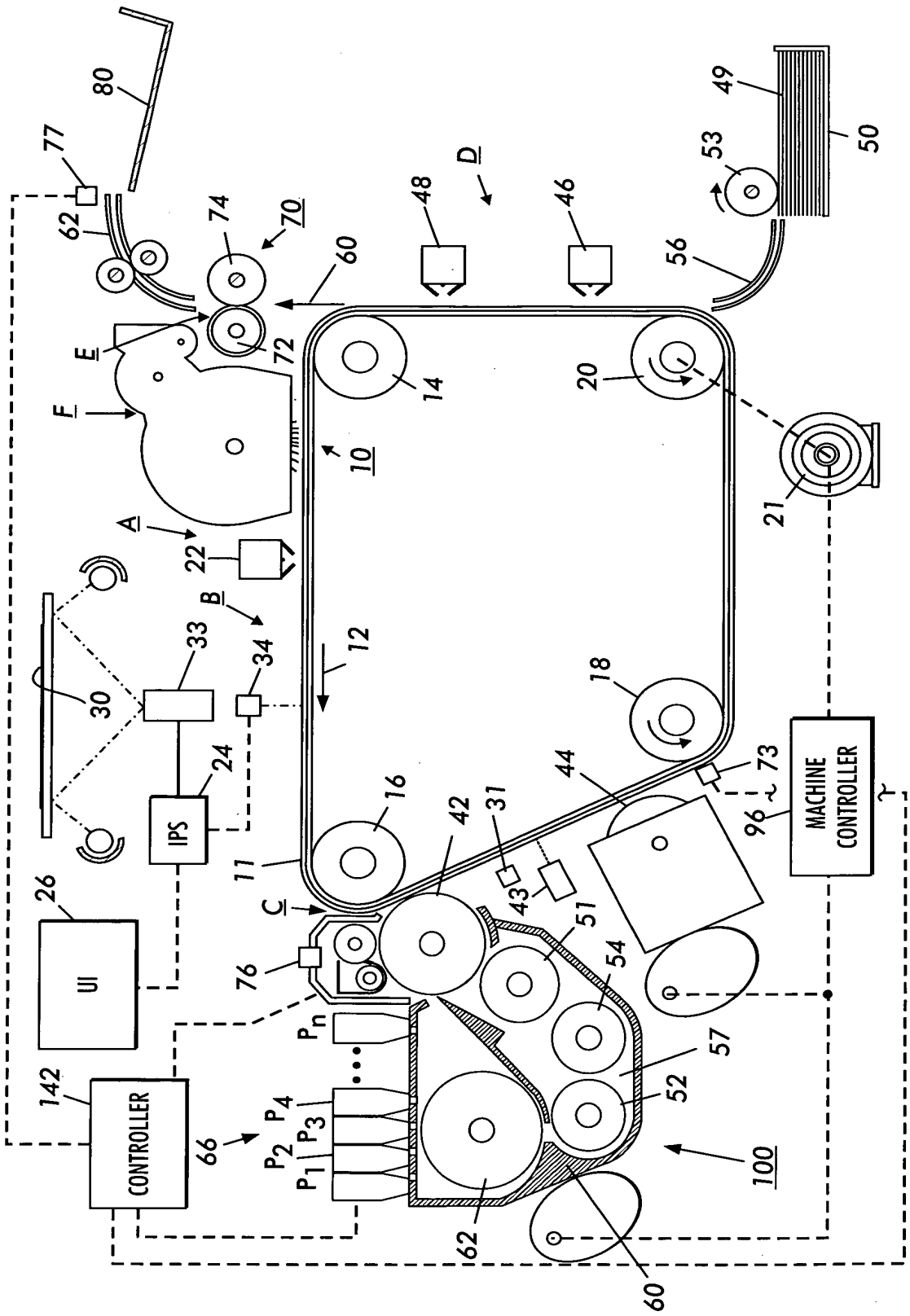

FIG. 1

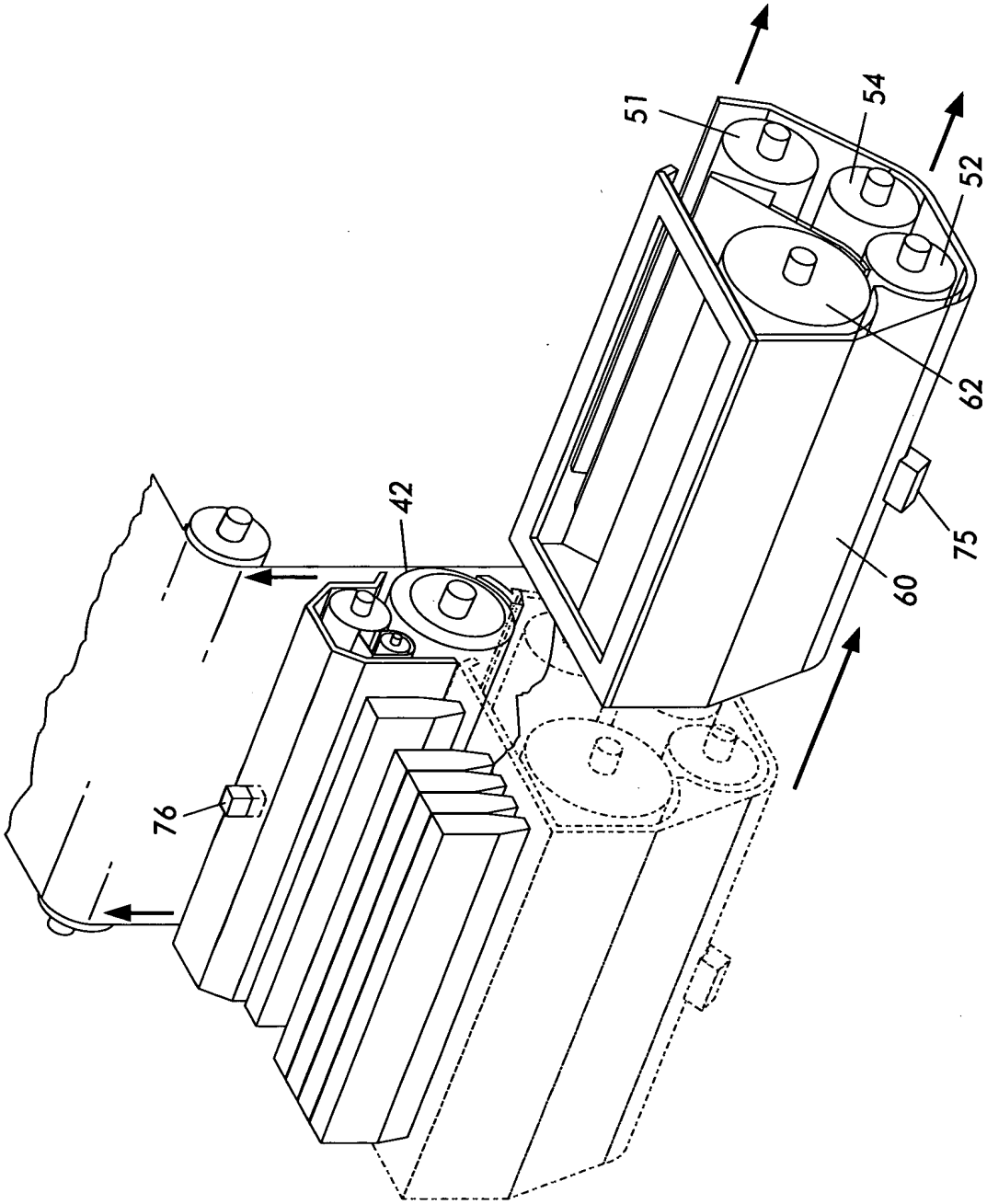

FIG. 2

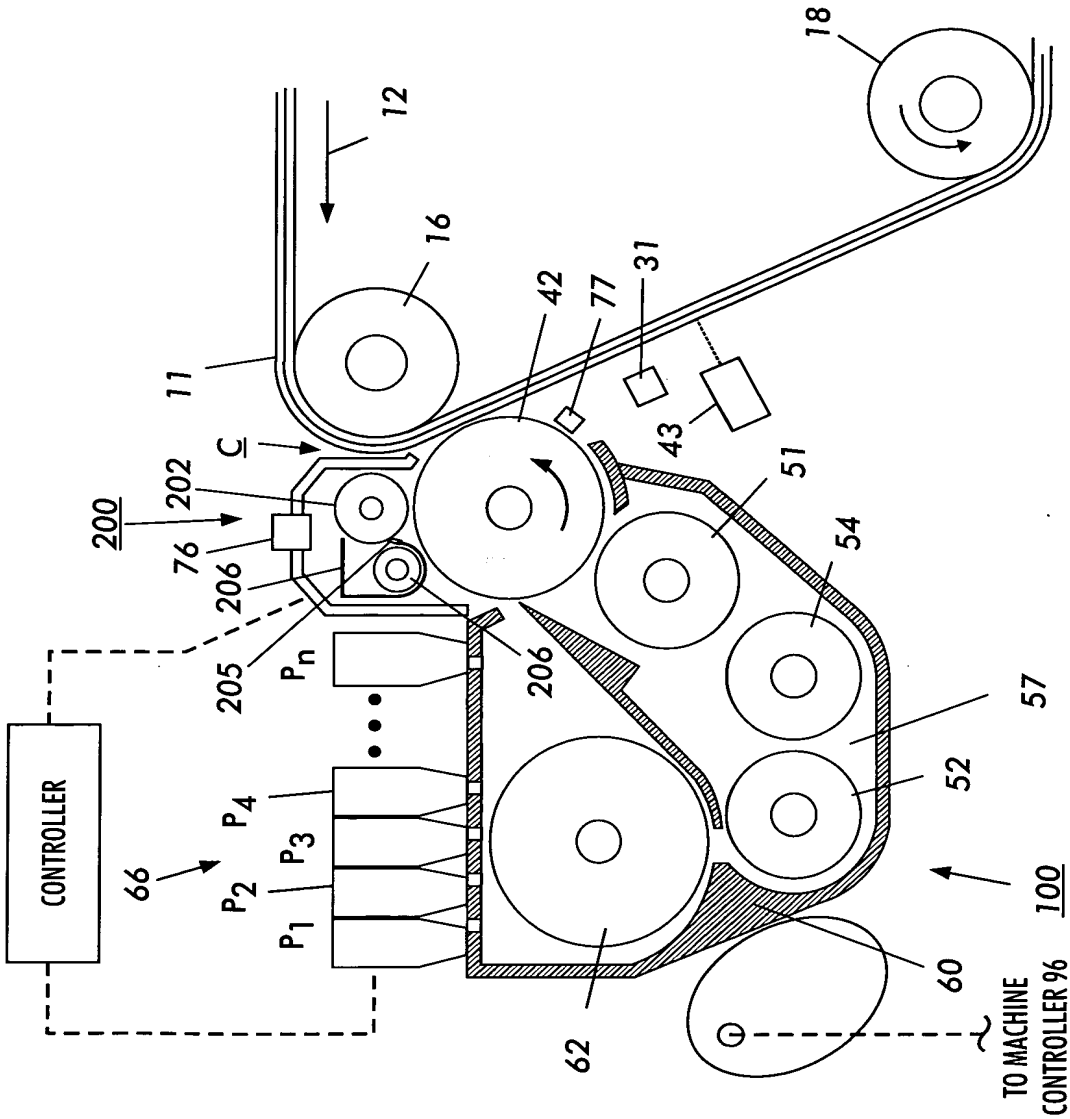
CONTROLLER
66
P_1
P_2
P_3
P_4
P_n
205
206
76
200
202
C
11
12
16
18
42
77
31
43
51
54
57
52
62
60
100
TO MACHINE CONTROLLER 96

FIG. 3